

# **LOWER PASSAIC RIVER RESTORATION PROJECT**

## **QUALITY ASSURANCE PROJECT PLAN**

### **SURFACE SEDIMENT CHEMICAL ANALYSES AND BENTHIC INVERTEBRATE TOXICITY AND BIOACCUMULATION TESTING**

**FINAL**

**October 8, 2009  
Revision Number: 0**

**Errata**  
**December 10, 2009**

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The following table contains a list of standard operating procedures (SOPs) that have been revised since approval of the final *Quality Assurance Project Plan for the Surface Sediment Chemical Analyses and Benthic Invertebrate Toxicity and Bioaccumulation Testing* (Benthic QAPP), dated October 8, 2009.

#### List of Revised SOPs Included in Errata

QAPP SOP Reference No.	QAPP SOP Title, Revision Date, and/or Number	Revised SOP Revision Number and Date
M2	SOP No. AP-CM-7, High Resolution Mass Spectrometry, Method 1668A for Solid/Air/Aqueous/Tissue Matrices, Revision 7, 2/14/05	Revision 8-2, 10/21/09
M3	SOP No. AP-CM-5, Polychlorinated dibenzo dioxin/furans, USEPA Methods 8290, 1613, 23, 0023A, & TO-9A, Revision 12-5, 1/7/09	Revision 12-7, 10/16/09
M33	SOP No. 04-20 Quantification of Semivolatile Petroleum Products in Water, Soil, Sediment and Sludge, Revision 1, 3/12/09 (NJDEP OQA-QAM-025-02/08 Rev.7)	Revision 2, 10/29/09
M36	SOP No. QA-1407. Acute Toxicity of Sediments To Midge Larvae, <i>Chironomus dilutus</i> , Revision 12, 01/09	Revision 12c, 11/18/09
M37	SOP No. QA-1467. Assessment Toxicity (28-Day) of Sediments To The Amphipod, <i>Hyalella azteca</i> based on Survival and Growth – Project-Specific Document, Revision 0, 08/09	Revision 7g, 10/22/09
M38	SOP No. QA-1426. Acute Toxicity of Sediments to the Marine Amphipod, <i>Ampelisca abdita</i> . Revision 8, 4/09	Revision 8c, 11/19/09
M43	SOP No. O-008. Analysis of Parent and Alkylated Polynuclear Aromatic Hydrocarbons, Selected Heterocyclic Compounds, Steranes, Triterpanes, and Triaromatic Steroids by GC/MS – SIM, Revision 4, 10/08/08	Revision 5, 10/12/09